

EDUCATION

- Aug 2015 - Present** **Illinois Institute of Technology, Chicago, IL**
Master of Science GPA 3
Major in Computer Science
Coursework Introduction to Advanced Studies(data-structures in Java), Introduction to Algorithms, Computer Networks, Mobile Application Development
- Aug 2007 - Jun 2011** **Visvesvaraya Technological University, Belagavi, India**
Bachelor of Engineering Score 78.33%
Major in Electronics and Communications Engineering

SUMMARY OF SKILLS

- 4.5 years of experience in software design and development
- Experience in requirement analysis, unit testing, supporting multiple projects
- Knowledge of CAN protocol, AUTOSAR Communication stack
- Programming/ scripting languages: C, C++, Java/ Perl, oAW
- Tools: Android Studio, Git, Eclipse, EBGuide, RADAR, IBM DOORS, ClearQuest, EASEE-BASD
- International languages: German (A2 certified)

ACADEMIC PROJECTS

- May 2016** **Illinois Institute of Technology, Chicago, IL**
GoShop - a grocery delivery App for Android phones
 - Helped team setup the project through Git
 - Integrator for the project
 - Responsible for implementing sign-in (Google and Facebook), user registration, cart pages
 - Implemented the multi-language support (prototype: English, German)
- Nov 2015** **Illinois Institute of Technology, Chicago, IL**
Simulation of Link-state routing algorithm
 - Implemented the 'modified' version of Dijkstra's algorithm - to find **all** shortest possible paths between 2 nodes - in Java
 - Performed unit and system testing for the project

PROFESSIONAL EXPERIENCE

- Jun 2014 - Dec 2015** **Visteon Technical Services Center, Pune, India**
Staff Software Engineer, Driver Information
 - **Lead HMI modeler** for Heads-Up Display (HUD)
 - Developed application software for HUD
- Jul 2012 - May 2014** **Robert Bosch Engineering and Business Solutions, Coimbatore, India**
Software Engineer, AUTOSAR-BSW
 - **Lead developer** for CAN-stack's CanIf and CanSM modules
 - Helped **improve** CanSM v4.0 initialization time from **30ms to 10ms**
 - Won **Special Achievement Award** for fast resolution of critical customer queries (**team size 30**)
 - Closely coordinated with the CAN-driver team to ensure seamless CAN-stack software deliveries
 - **Mentored** new hires in the team
- Jul 2011 - Jul 2012** **Robert Bosch Engineering and Business Solutions, Coimbatore, India**
Associate Software Engineer, AUTOSAR-BSW
 - Co-developer - CanIf, CanSM modules
 - Closely interacted with both, internal project teams and **customer teams** of various product-lines (BMW, Mazda, Toyota, VW), to provide technical support

OTHER ACTIVITIES

Sept 2013 - Oct 2013

Robert Bosch Engineering and Business Solutions, Bangalore, India

Perl based tool for analyzing CANoe logs

- Pattern based tool to extract relevant entries from **huge** logs (**1-2 GB**)
- **Reduced** analysis time from hours to a matter of minutes

Aug 2013 - Dec 2013

Robert Bosch Engineering and Business Solutions, Coimbatore, India

Perl based tool to automate the build↔test sequence

- An automation framework to - generate system configurations, build and test case execution sequence

Jan 2013 - Apr 2014

Hobby project

'matrix.h'

- C++ APIs to realize basic matrix operations (<https://github.com/HrushikeshVasista>)